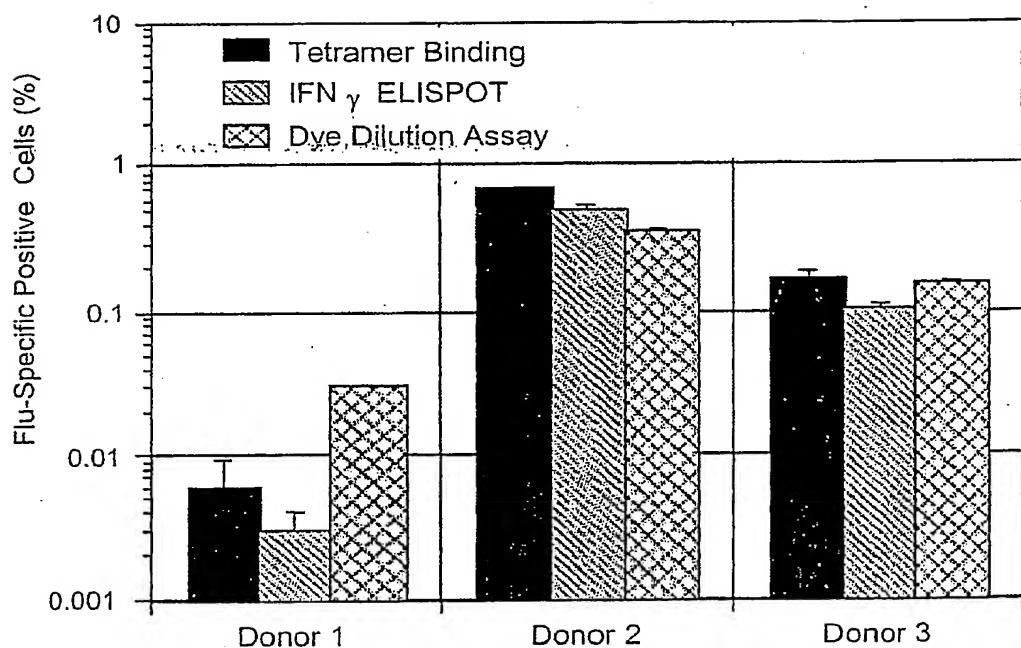
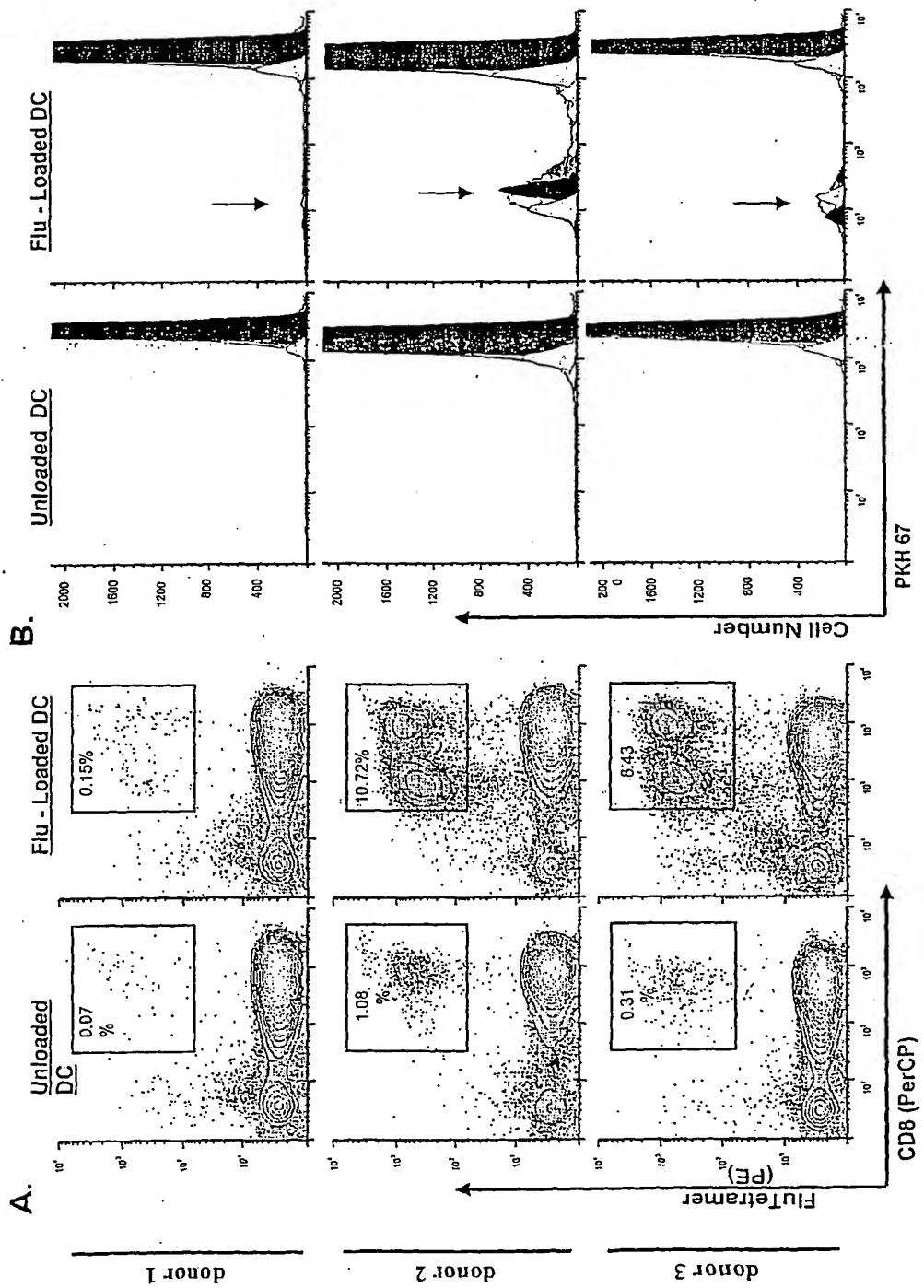


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FIGURE 1

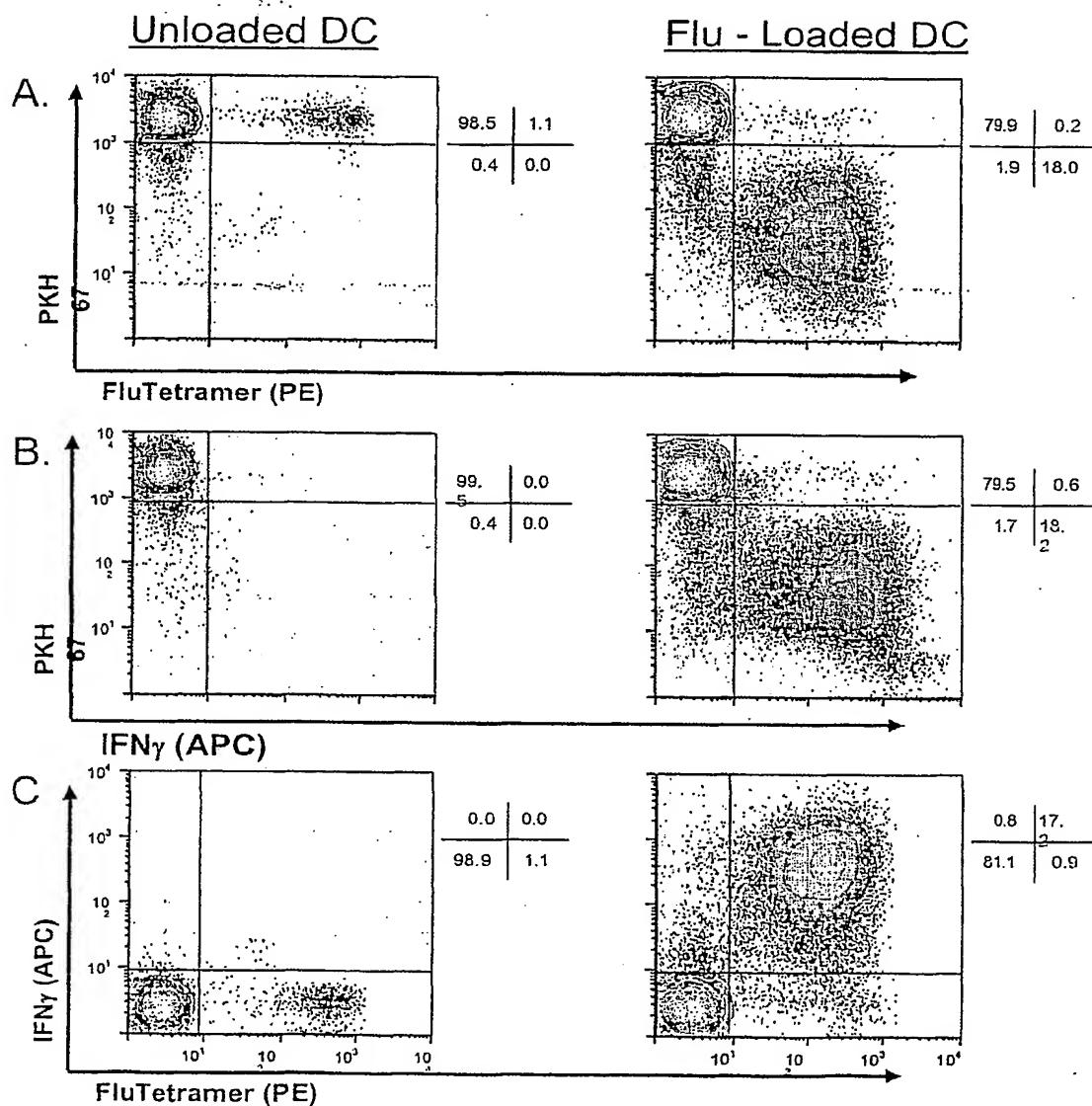
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FIGURE 2



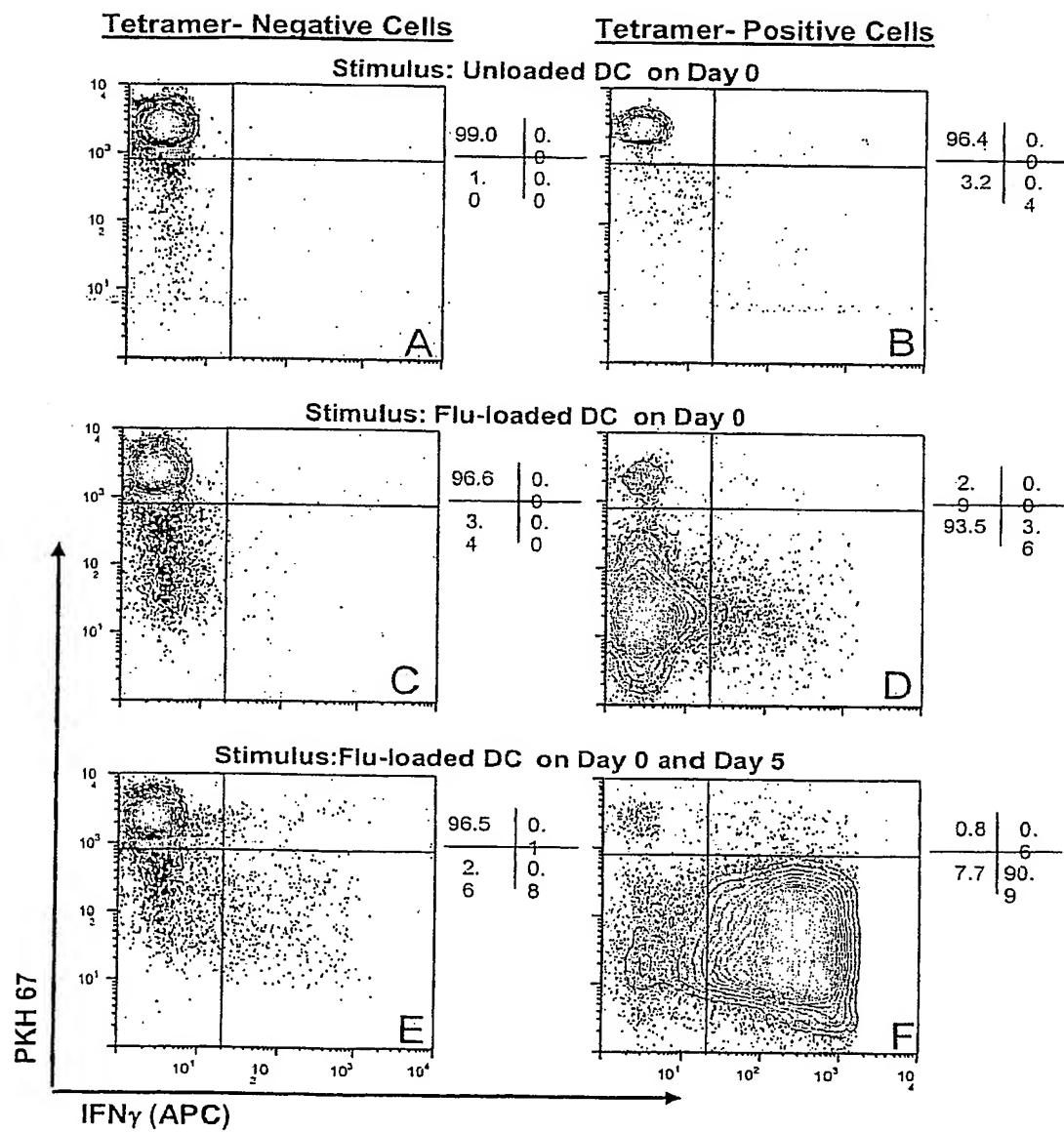
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FIGURE 3



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FIGURE 4



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TABLE I

CD8 T CELLS WITH FLU-LOADED DC		TETRAMER-POSITIVE CELLS			TETRAMER-NEGATIVE CELLS		
PROLIF	IFN γ	% ON DAY 6	CALCULATED %	PRECURSOR	% ON DAY 6	CALCULATED PRECURSOR %	
-	-	2.12	→	38.83	95.35	→	99.54
-	+	0.44	→	8.08	0.08	→	0.08
+	-	13.80	→	6.81	4.36	→	0.36
+	+	83.63	→	46.29	0.21	→	0.01

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TABLE II

DONOR #1	PROL F	IFN γ	with UNLOADED DC			
			TET POS	TET NEG	TET POS	TET NEG
		0.000 ± 0.00	99.89 ± 0.00	0.03 ± 0.00	99.87 ± 0.01	
		0.0 ± 0.00	0.03 ± 0.01	0.00 ± 0.00	0.03 ± 0.01	
		0.00 ± 0.00	0.06 ± 0.01	0.00 ± 0.00	0.07 ± 0.00	
		0.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00	
DONOR #2	PROL F	IFN γ	0.52 ± 0.18	98.23 ± 0.28	1.27 ± 0.02	98.6 ± 0.02
			0.11 ± 0.04	0.08 ± 0.01	0.00 ± 0.00	0.00 ± 0.00
			0.09 ± 0.02	0.36 ± 0.01	0.01 ± 0.00	0.12 ± 0.00
			0.60 ± 0.06	0.01 ± 0.00	0.00 ± 0.00	0.00 ± 0.00
DONOR #3	PROL F	IFN γ	0.30 ± 0.14	99.00 ± 0.39	0.44 ± 0.03	99.38 ± 0.03
			0.08 ± 0.03	0.09 ± 0.05	0.00 ± 0.00	0.01 ± 0.00
			0.07 ± 0.03	0.23 ± 0.02	0.00 ± 0.00	0.17 ± 0.01
			0.20 ± 0.14	0.03 ± 0.03	0.00 ± 0.00	0.00 ± 0.00

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FIGURE 5

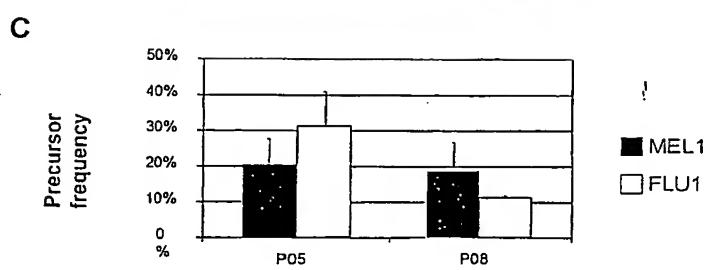
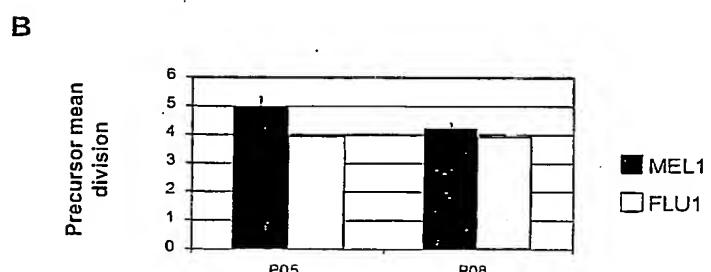
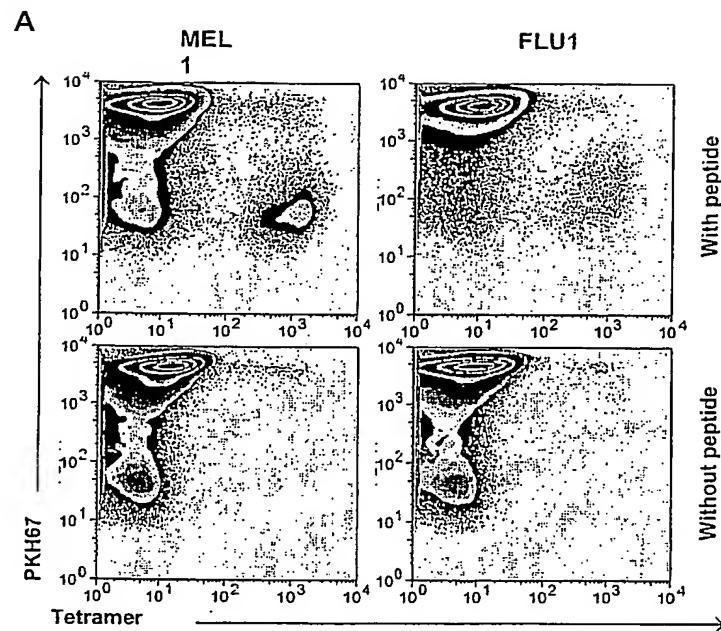


FIGURE 6

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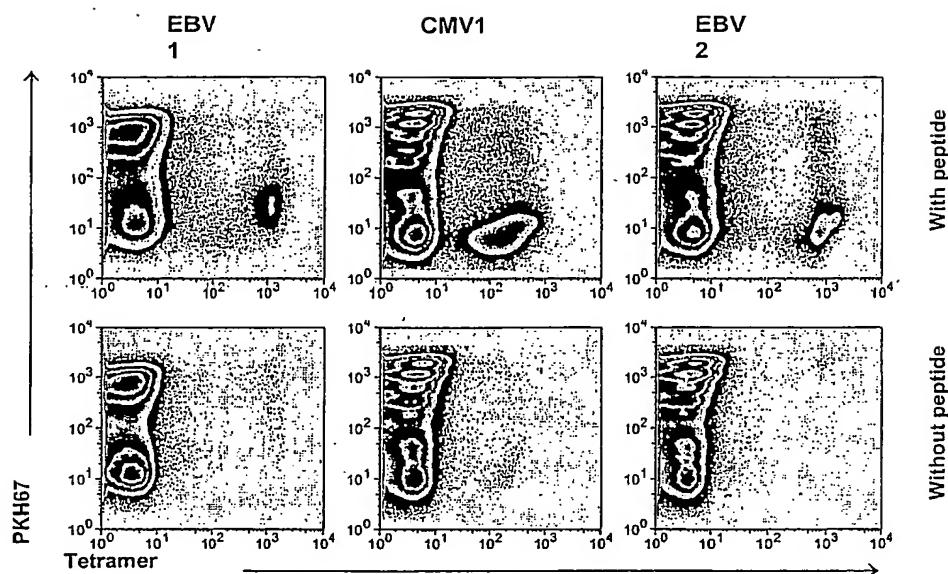
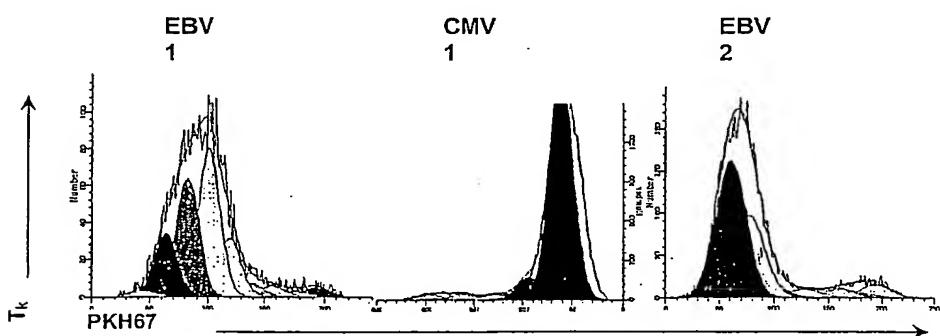
A**B**

FIGURE 7

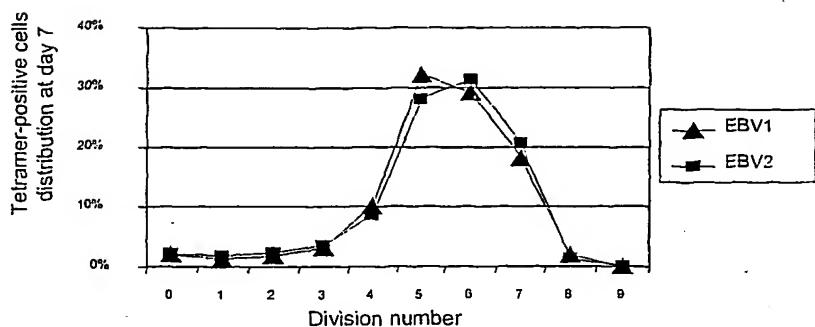
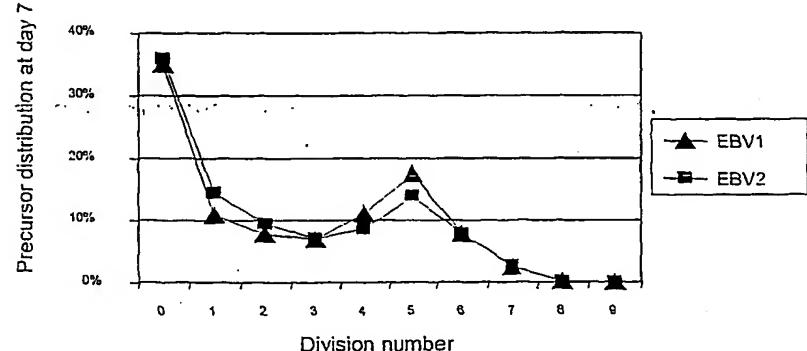
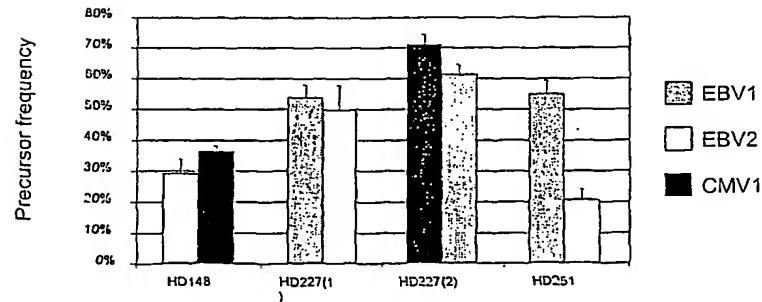
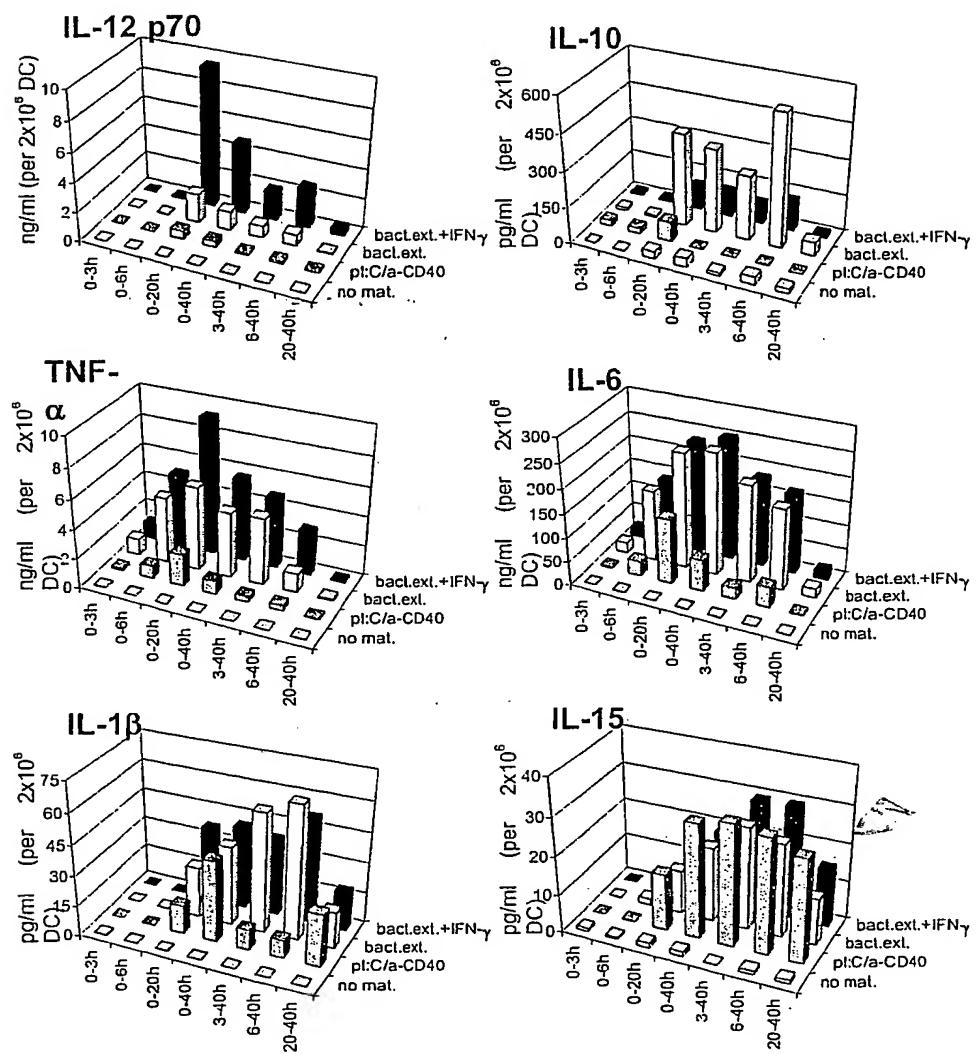
A**B****C****D**

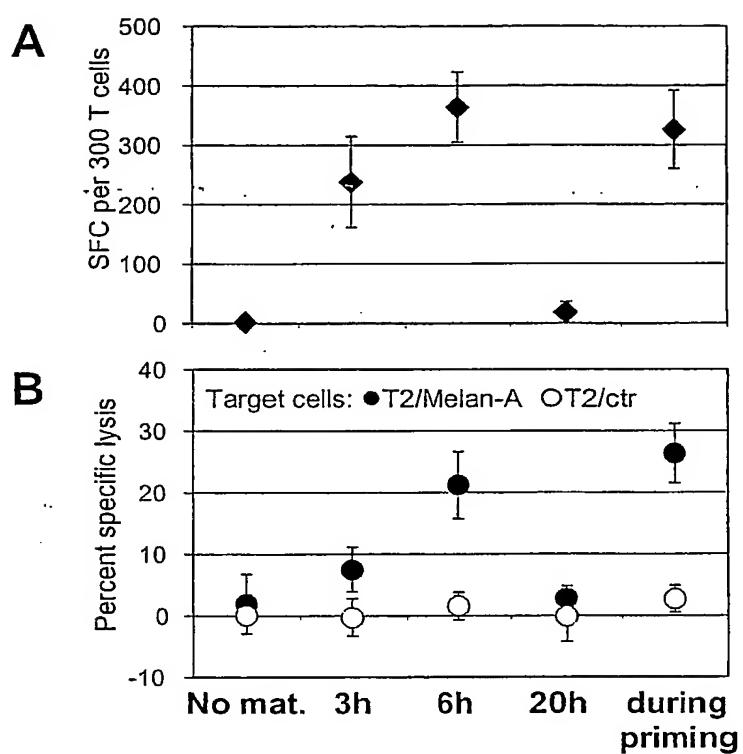
FIGURE 8

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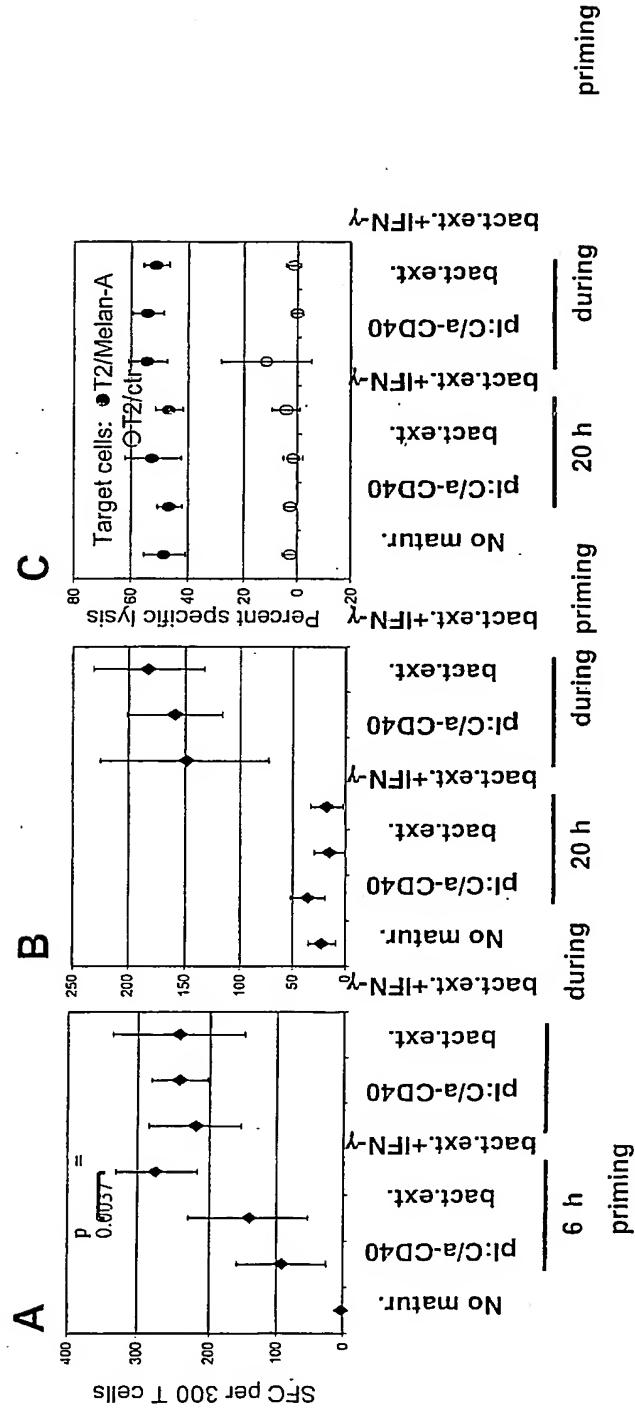
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FIGURE 9



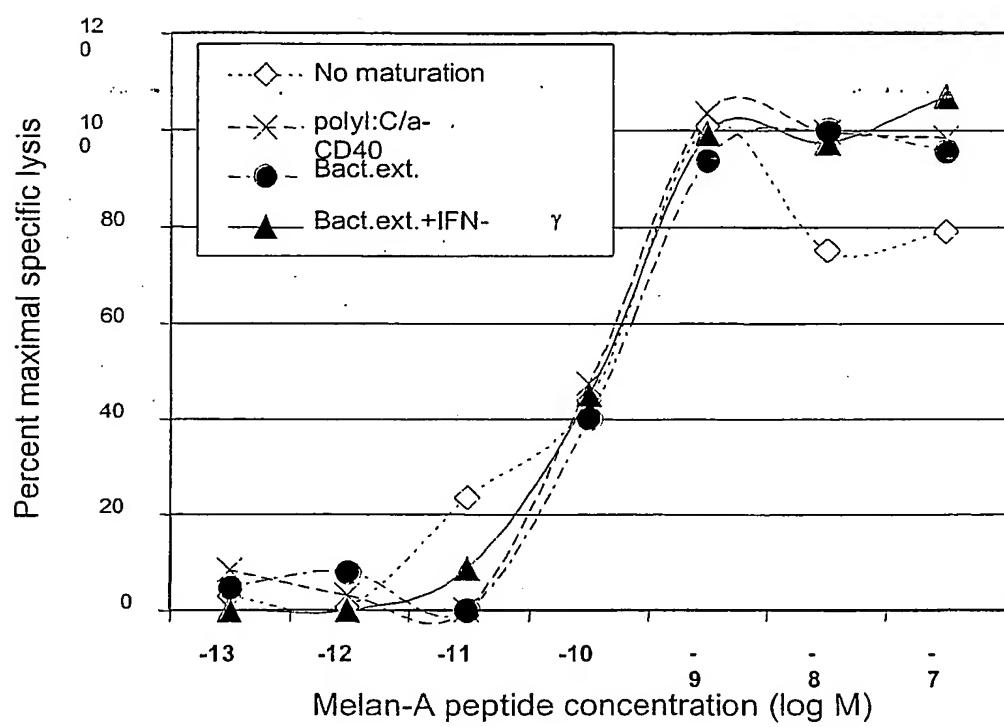
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FIGURE 10



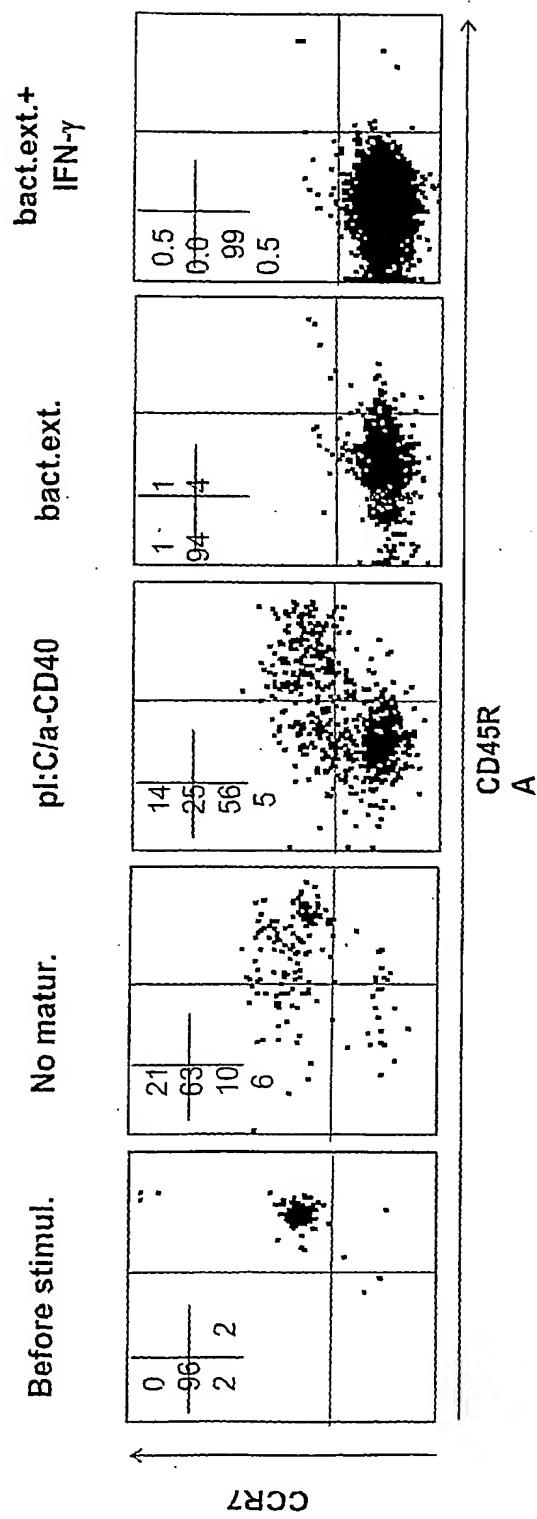
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FIGURE 11



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FIGURE 12



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FIGURE 13

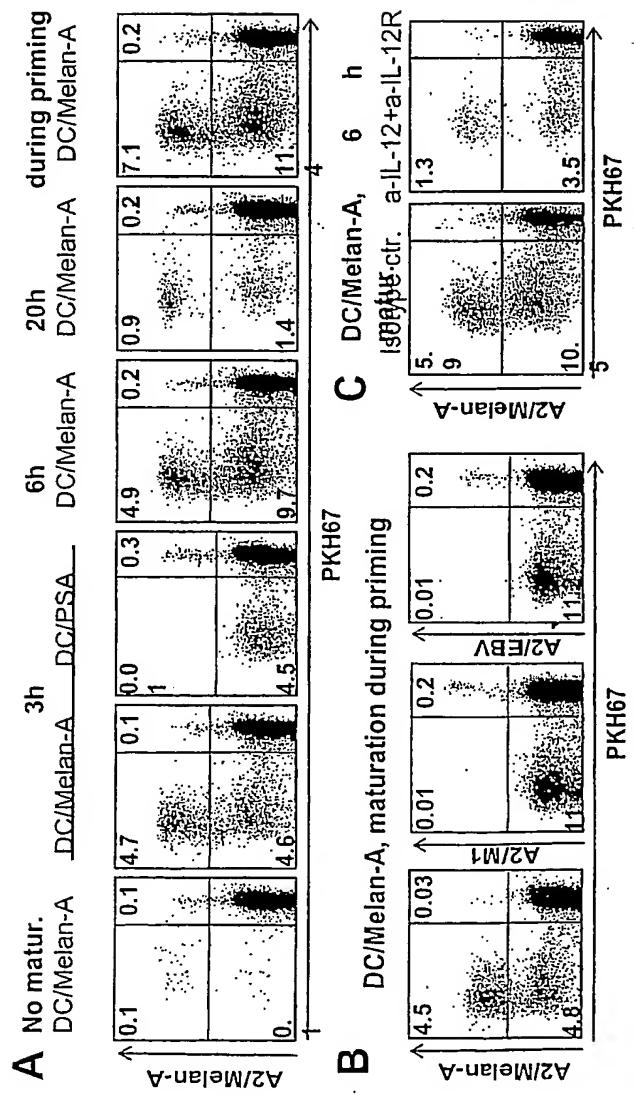


TABLE III

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Table III. Precursors frequencies (PF, percentage) and proliferation indexes (PI) of Melan-A-specific CD8⁺ T cells proliferating after stimulation with non-matured DC or DC treated with bacterial extract and IFN- γ for 3, 6, 20 h or during priming.

	HD70		HD160		HD169		HD122	
MAT.TIME	PF	PI	PF	PI	PF	PI	PF	PI
-	0.7	1.5	6.6	2.3	1.8	1.2	6.4	2.0
3 h	11	15	14.8	34.3	ND		ND	
6 h	20.4	36.5	13.7	28.2	5.8	2.8	28	49
20 h		ND ^a		4.8	5.2	ND		ND
IVS ^b		ND		17	35.5	11.5	13.1	32
								60

^a ND: not done

^b IVS: in vitro stimulation (maturation during priming)

TABLE IV

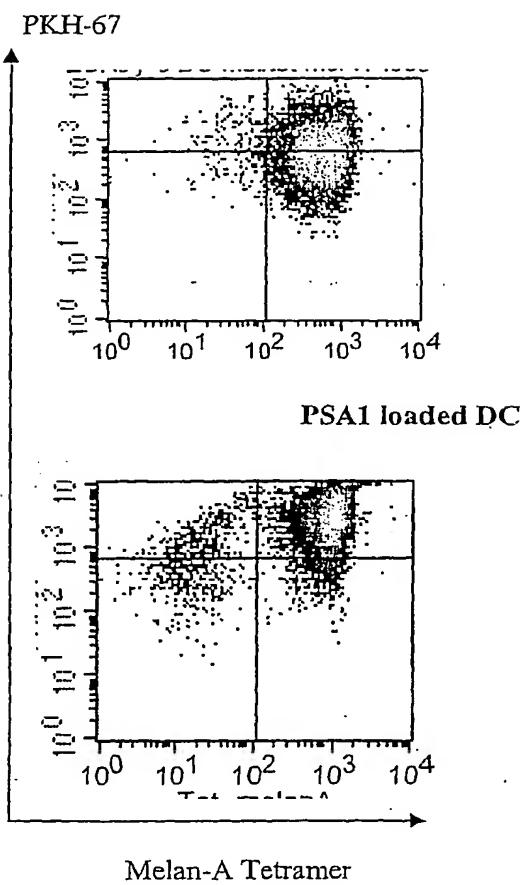
Table IV. Precursors frequencies (PF, percentage) and proliferation indexes (PI) of Melan-A-specific CD8⁺ T cells after stimulation with non-matured DC or DC treated for 6 h with polyI:C/anti-CD40 or bacterial extract in the presence or absence of IFN- γ .

	HD70		HD160		HD169		HD122	
MAT. AGENT	PF	PI	PF	PI	PF	PI	PF	PI
None	0.7	1.5	6.6	2.3	1.8	1.2	6.4	2.0
polyI:C/a-CD40	5	6.5	3.7	4.2	1.2	1.2	8.2	5.6
Bact.ext.	8.4	14.9		ND ^a	2.3	1.3	9.7	9.9
Bact.ext.+IFN- γ	20.4	36.5	13.7	28.2	5.8	2.8	28	49

^a ND: not done

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FIGURE 14

A**B**